

FIG. 1

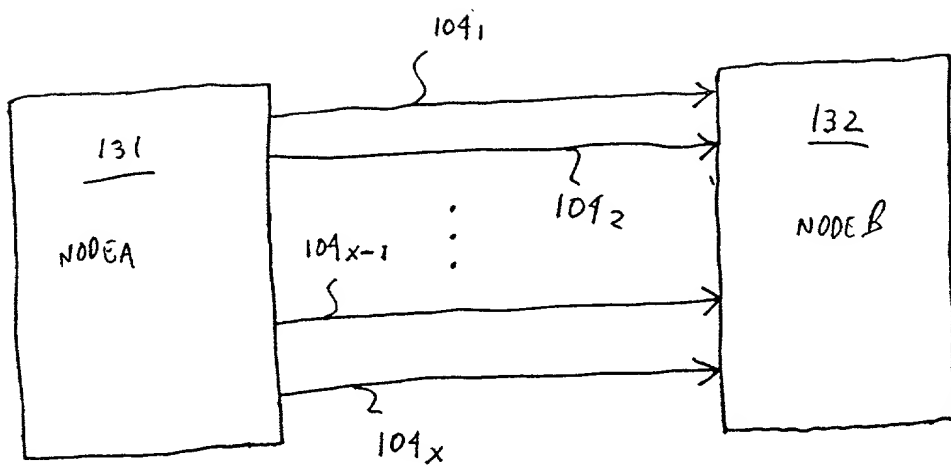


FIGURE 1

FIG. 2

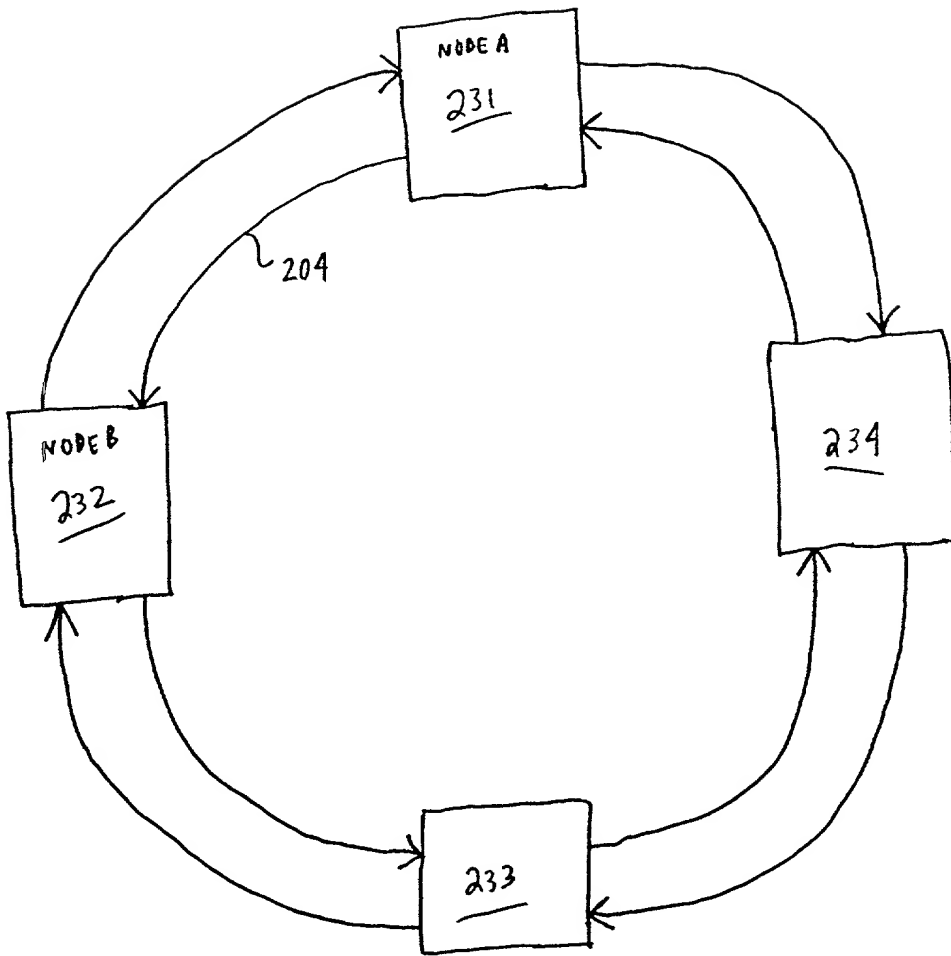


FIGURE 2

FIG. 3

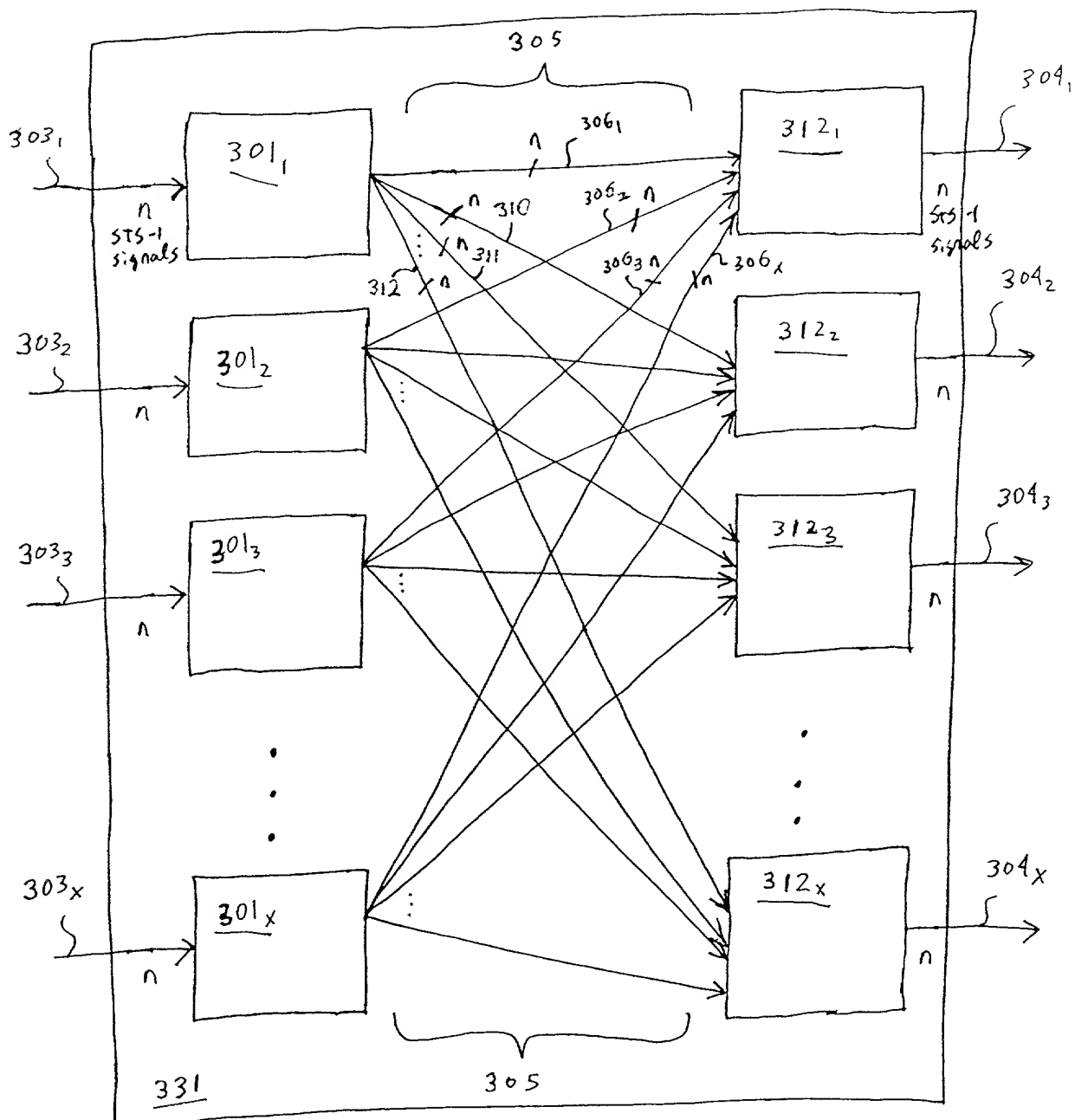


FIGURE 3

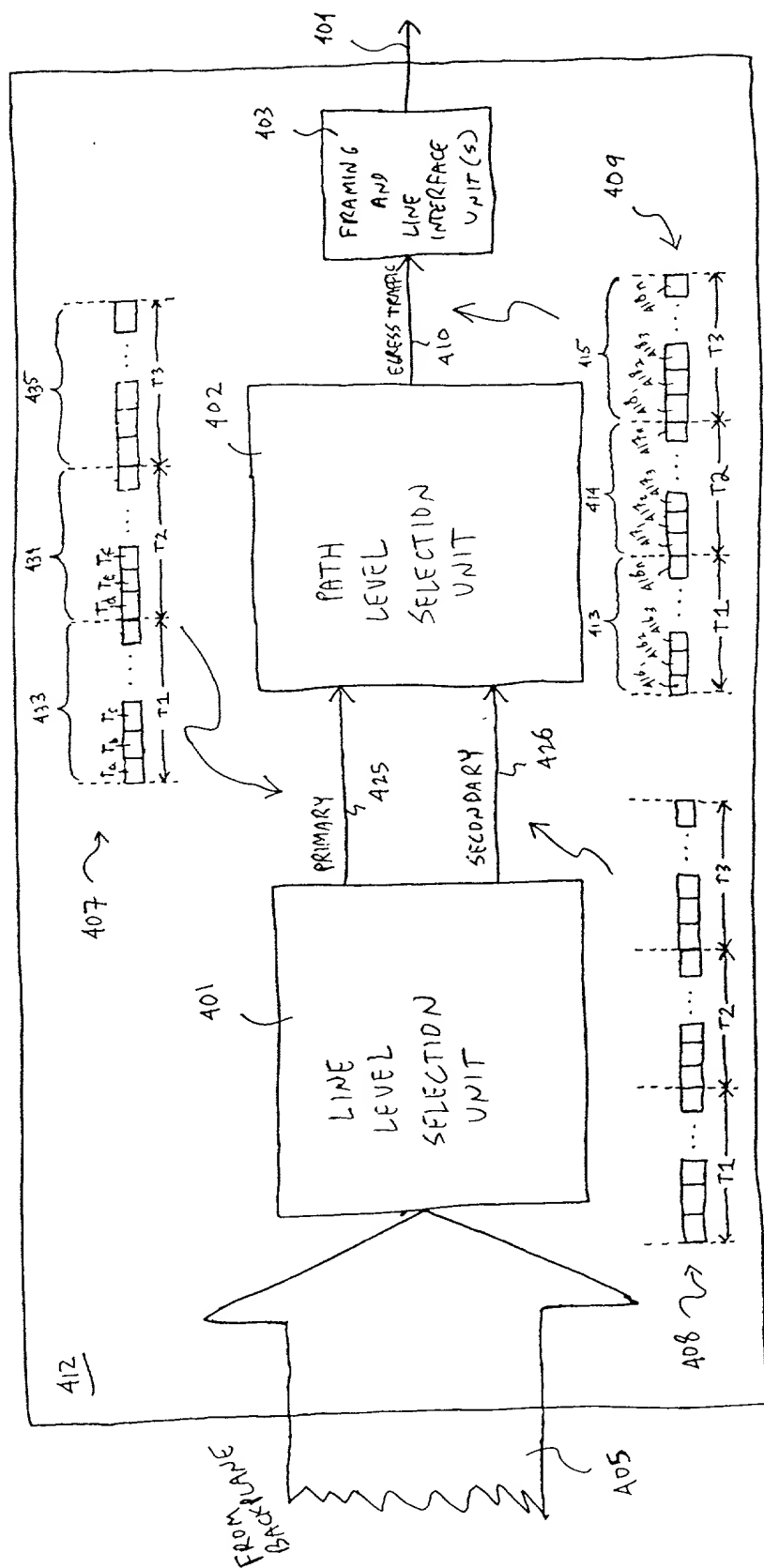


FIGURE 4

FIG. 5

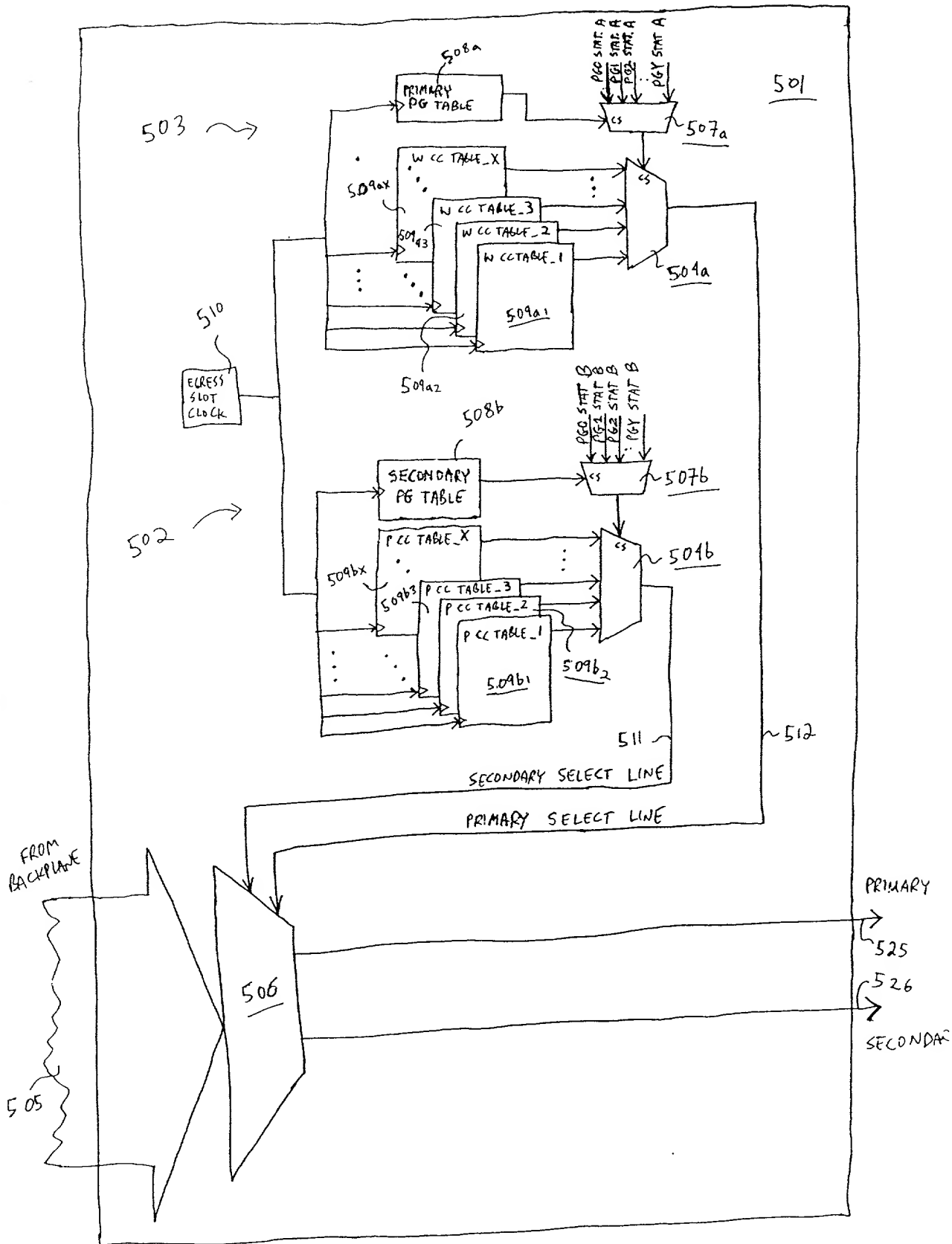


FIGURE 5

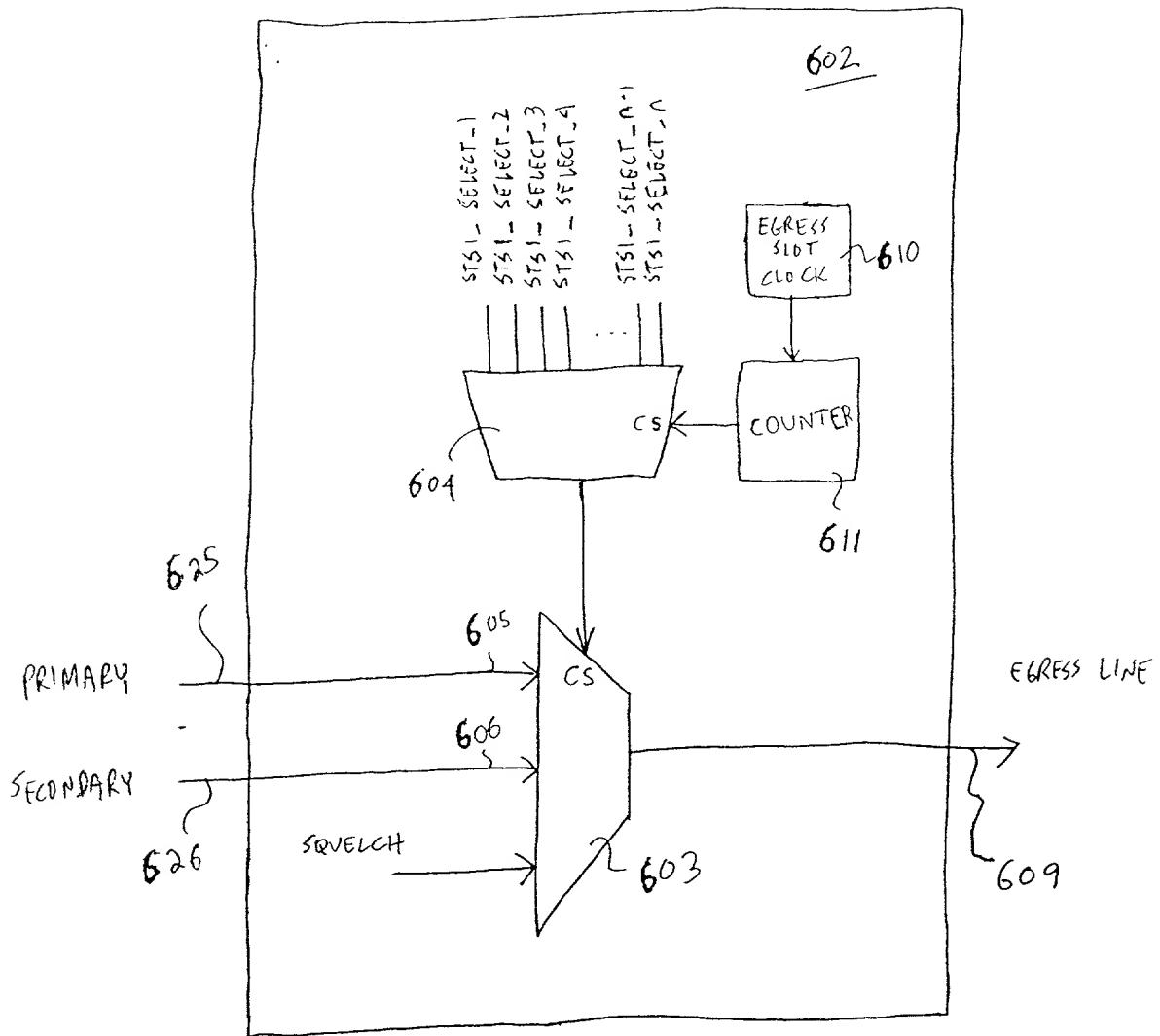
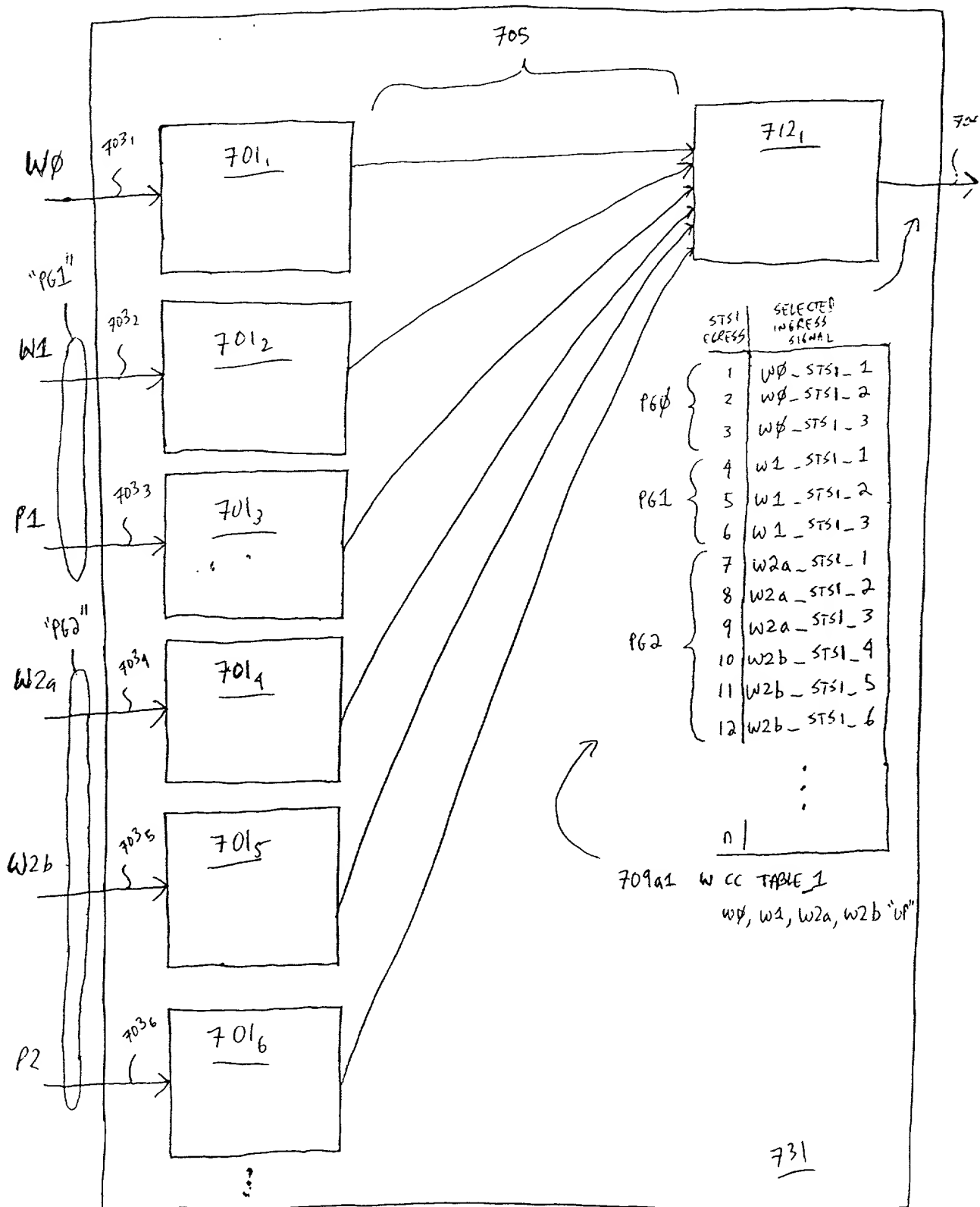


FIGURE 6

FIGURE 7



| STS 1 EGRESS | SELECTED INGRESS SIGNAL |
|-----------------|----------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | P1-STSI-1 |
| 5 | P1-STSI-2 |
| 6 | P1-STSI-3 |

⋮

| | |
|---|--|
| n | |
|---|--|

P61 PROTECTION
(W1 DOWN)

← W CC TABLE-2
809a2

FIGURE 8A

| STS 1 EGRESS | SELECTED INGRESS SIGNAL |
|-----------------|----------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | P2-STSI-1 |
| 8 | P2-STSI-2 |
| 9 | P2-STSI-3 |
| 10 | W2b-STSI-4 |
| 11 | W2b-STSI-5 |
| 12 | W2b-STSI-6 |

⋮

| | |
|---|--|
| n | |
|---|--|

P62 PROTECTION A
(W2a DOWN)

← W CC TABLE-3
809a3

| STS 1 EGRESS | SELECTED INGRESS SIGNAL |
|-----------------|----------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | W2a-STSI-1 |
| 8 | W2a-STSI-2 |
| 9 | W2a-STSI-3 |
| 10 | P2-STSI-4 |
| 11 | P2-STSI-5 |
| 12 | P2-STSI-6 |

⋮

| | |
|---|--|
| n | |
|---|--|

P62 PROTECTION B
(W2b DOWN)

← W CC TABLE-4
809a4

FIGURE 8B

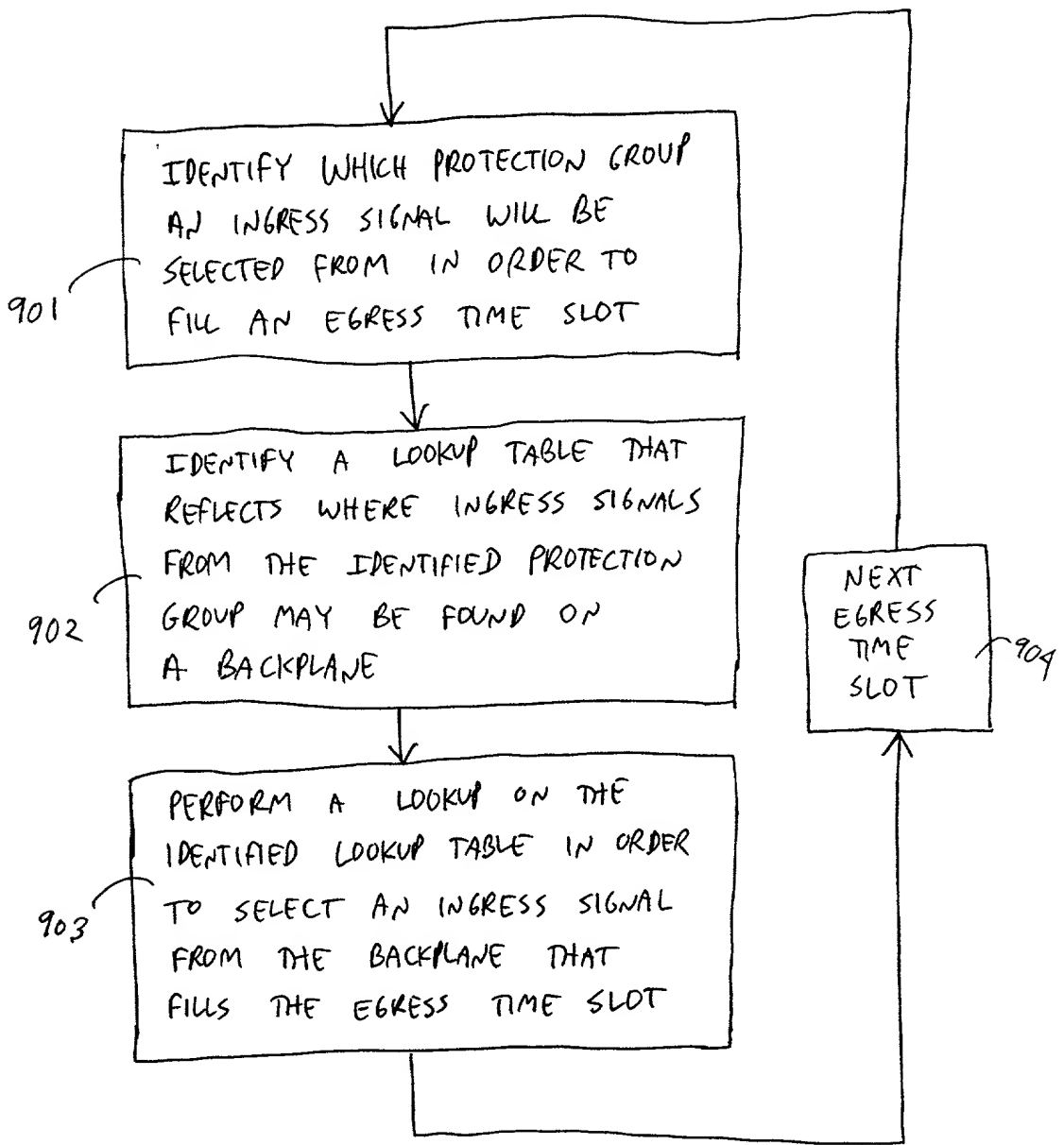


FIGURE 9C

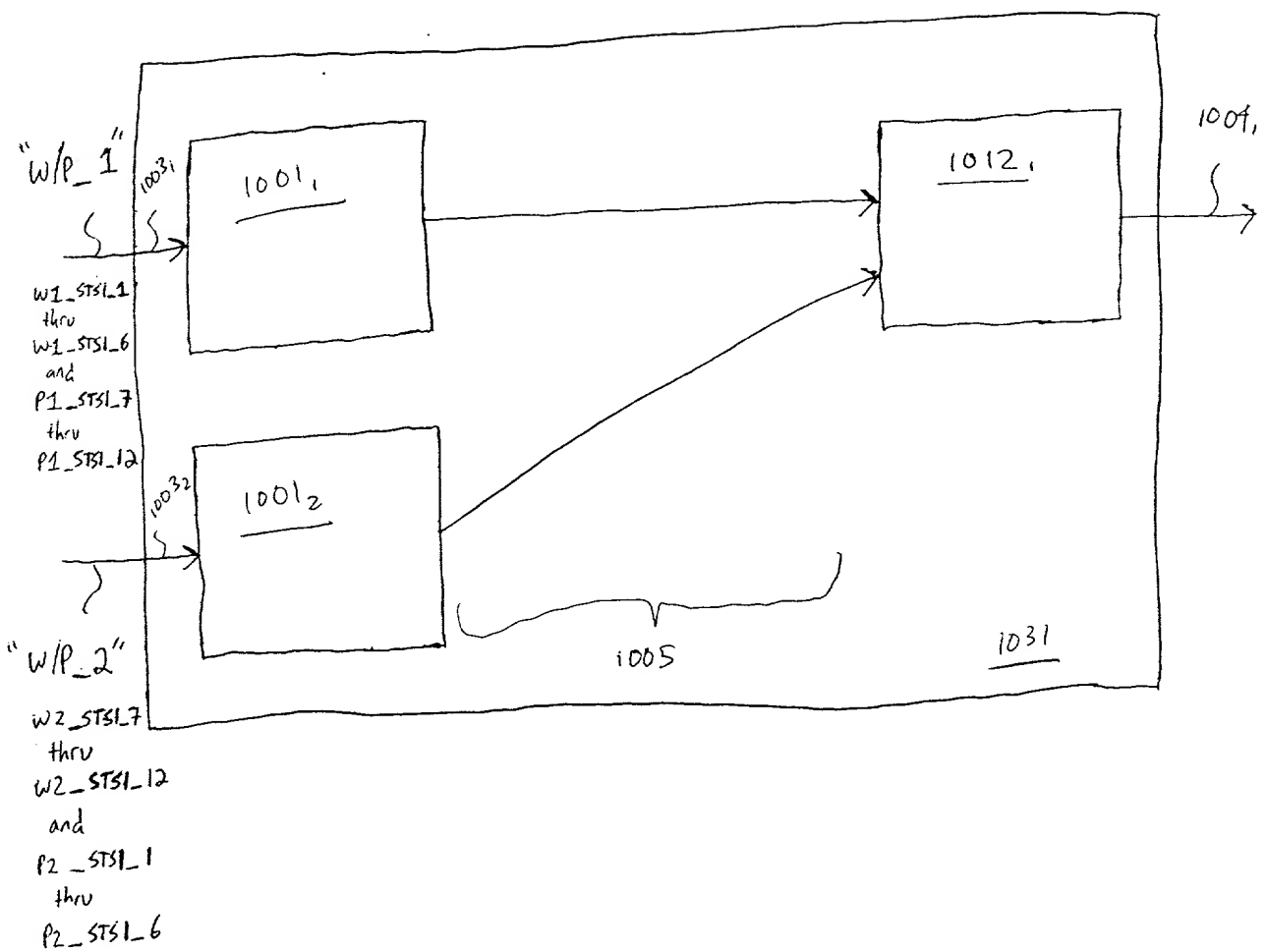


FIGURE 10A

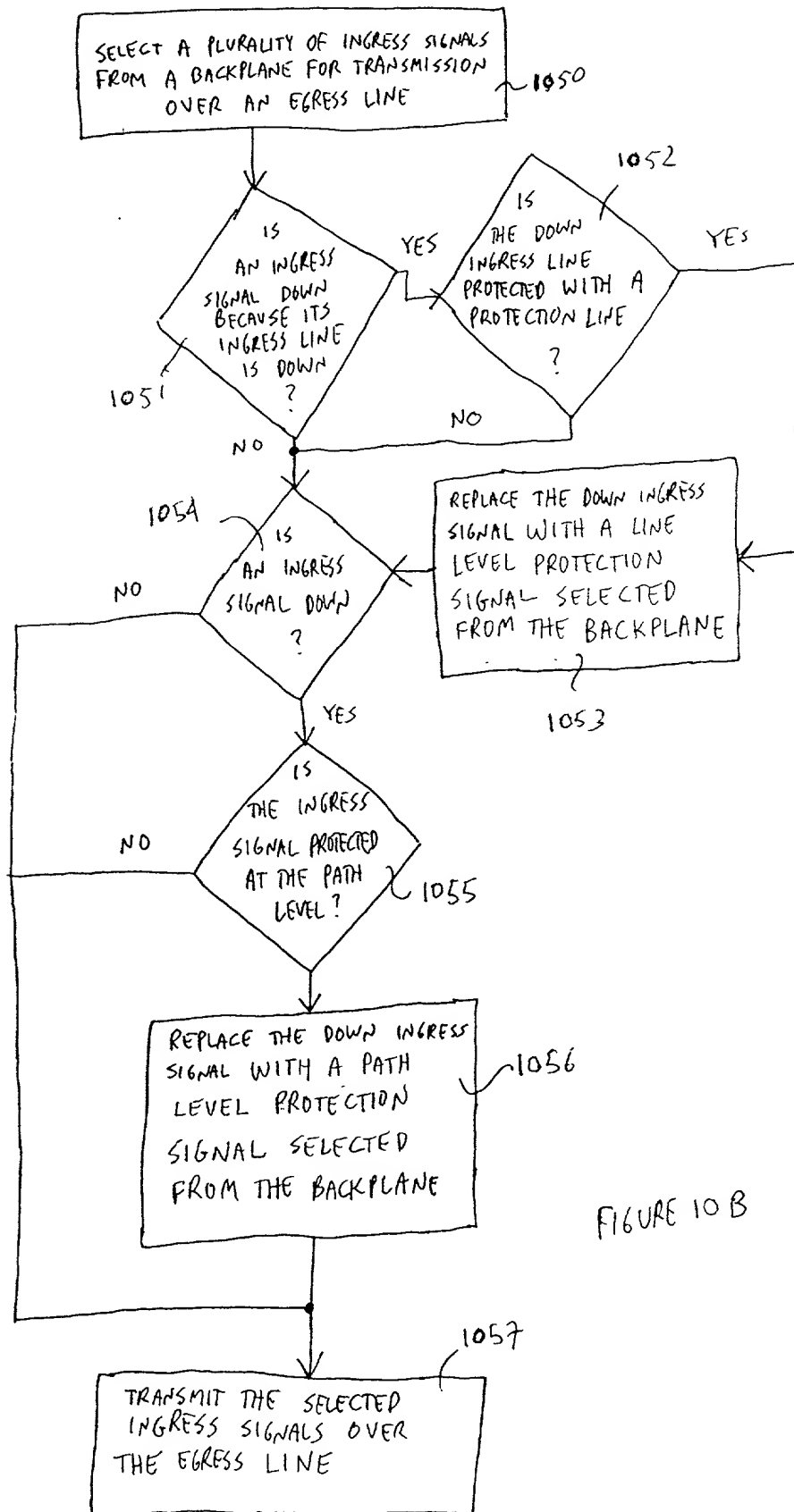
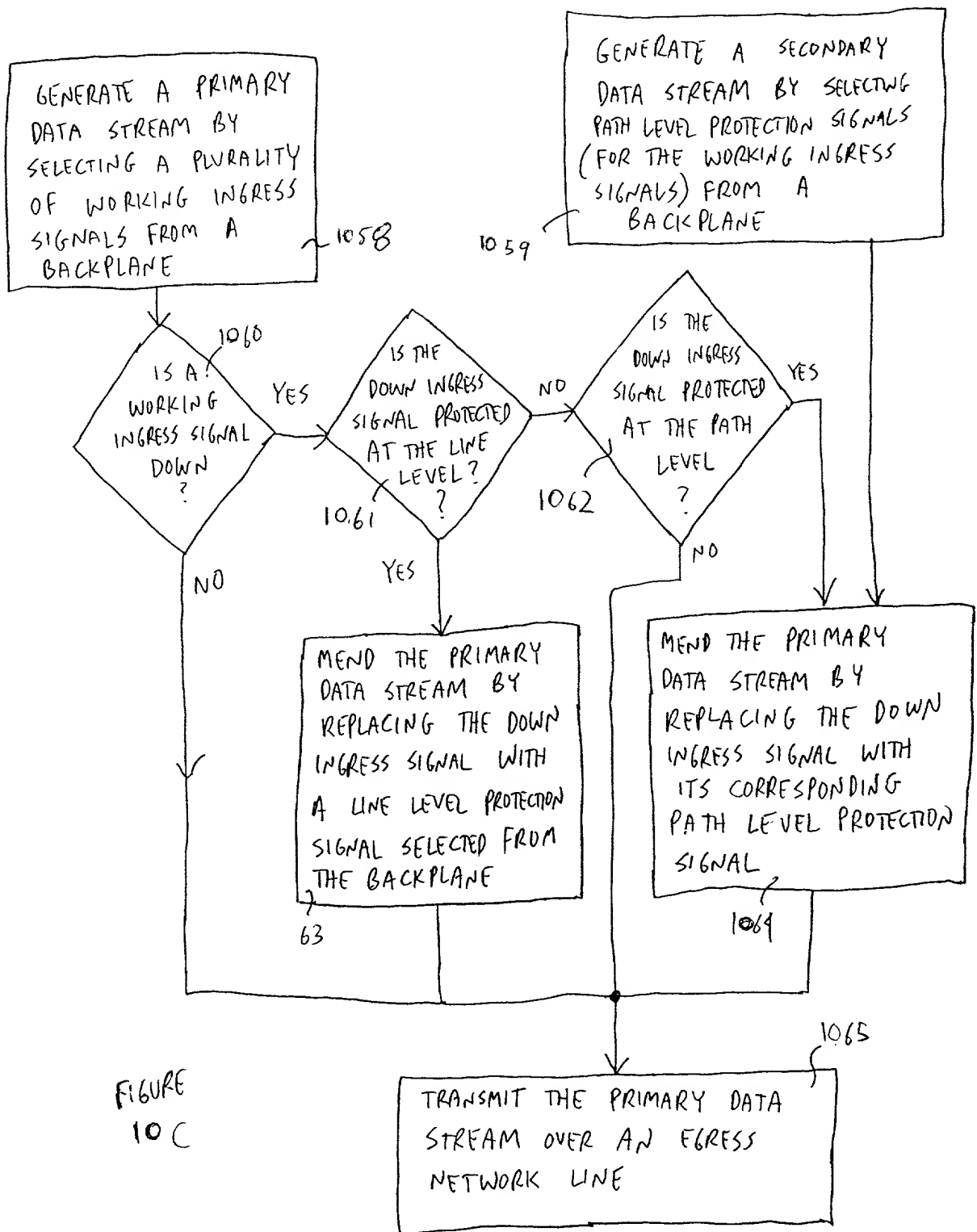


FIGURE 10 B



| STS 1 EGRESS | SELECTED INGRESS SIGNAL |
|-----------------|-------------------------------|
| 1 | W1-STS1-1 |
| 2 | W1-STS1-2 |
| 3 | W1-STS1-3 |
| 4 | W1-STS1-4 |
| 5 | W1-STS1-5 |
| 6 | W1-STS1-6 |
| 7 | W2-STS1-7 |
| 8 | W2-STS1-8 |
| 9 | W2-STS1-9 |
| 10 | W2-STS1-10 |
| 11 | W2-STS1-11 |
| 12 | W2-STS1-12 |
| | : |
| | : |
| | : |
| 0 | |

FIG. 11A

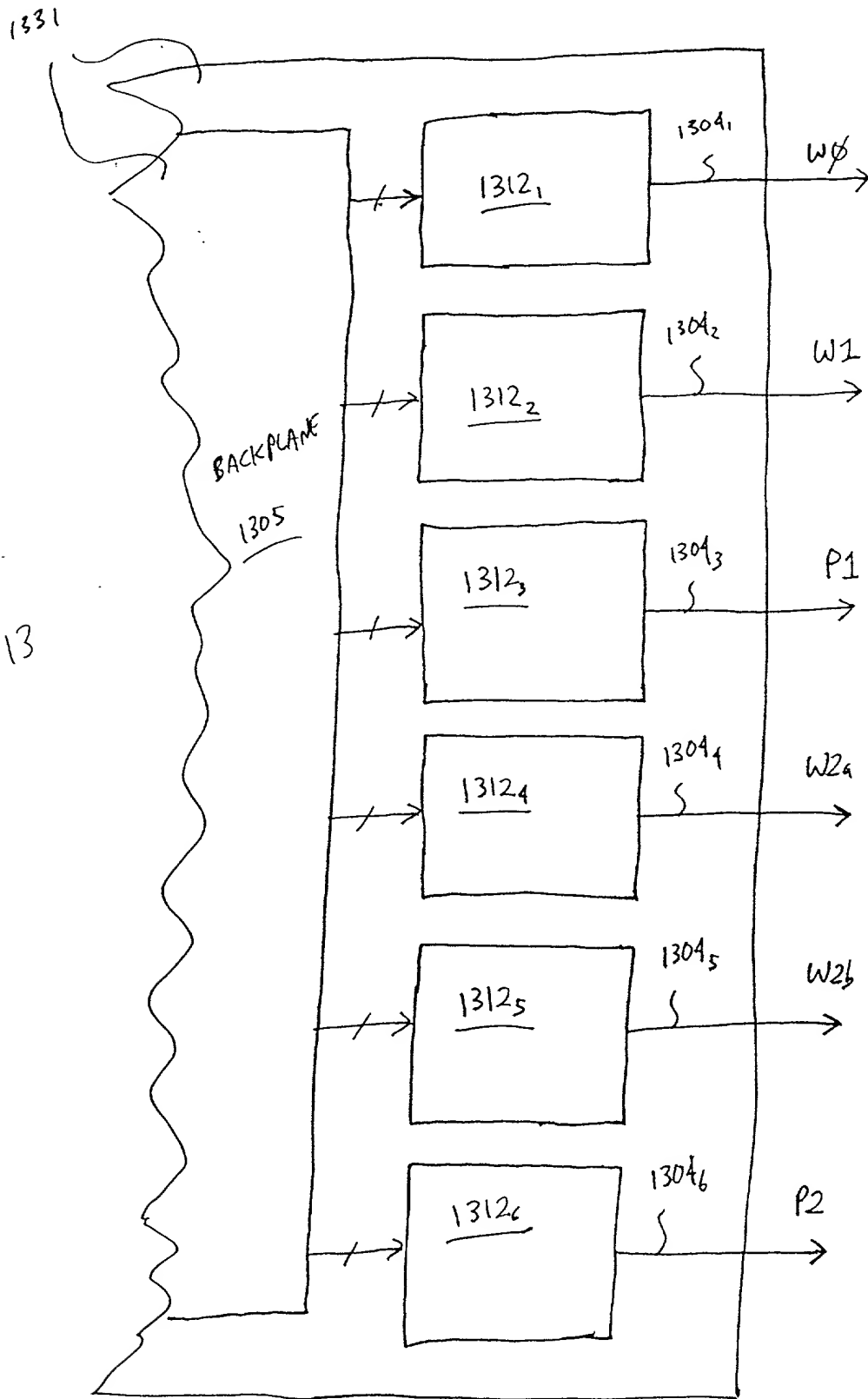
| STS 1 E6AFSS | SELECTED INGRESS SIGNAL |
|-----------------|-------------------------------|
| 1 | P2 - STS1 - 1 |
| 2 | P2 - STS1 - 2 |
| 3 | P2 - STS1 - 3 |
| 4 | P2 - STS1 - 4 |
| 5 | P2 - STS1 - 5 |
| 6 | P2 - STS1 - 6 |
| 7 | P1 - STS1 - 7 |
| 8 | P1 - STS1 - 8 |
| 9 | P1 - STS1 - 9 |
| 10 | P1 - STS1 - 10 |
| 11 | P1 - STS1 - 11 |
| 12 | P1 - STS1 - 12 |
| | . |
| | . |
| | . |

F16. 11B

| PATH STATUS | STS1 - SELECT - 1 | STS1 - SELECT - 2 | STS1 - SELECT - 3 | STS1 - SELECT - 4 | STS1 - SELECT - 5 | STS1 - SELECT - 6 | STS1 - SELECT - 7 | STS1 - SELECT - 8 | STS1 - SELECT - 9 | STS1 - SELECT - 10 | STS1 - SELECT - 11 | STS1 - SELECT - 12 | ... | STS1 - SELECT - N |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-----|-------------------|
| * ALL WORKING PATHS "UP" | W | W | W | W | W | W | W | W | W | W | W | W | | W |
| * W1_STS1_1 "DOWN" | P | W | W | W | W | W | W | W | W | W | W | W | | W |
| * W1_STS1_5 and W1_STS1_11 "DOWN" | W | W | W | W | P | W | W | W | W | W | P | W | | W |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

FIGURE 12

FIGURE 13



| STS EGRESS | SELECTED INGRESS SIGNAL |
|---------------|-------------------------|
| 1 | W2a_STSI_W_1 |
| 2 | W2a_STSI_W_2 |
| 3 | W2a_STSI_W_3 |
| 4 | W2a_STSI_W_4 |
| | ⋮ |
| n | W2a_STSI_W_n |

↑ W-CC-TABLE-1
1409a1

FIG. 14a

| STS EGRESS | SELECTED INGRESS SIGNAL |
|---------------|-------------------------|
| 1 | W2b_STSI_W_1 |
| 2 | W2b_STSI_W_2 |
| 3 | W2b_STSI_W_3 |
| 4 | W2b_STSI_W_4 |
| | ⋮ |
| n | W2b_STSI_W_n |

↑ W-CC-TABLE-3
1409a3

FIG. 14c

| STS EGRESS | SELECTED INGRESS SIGNAL |
|---------------|-------------------------|
| 1 | W2a_STSI_P_1 |
| 2 | W2a_STSI_P_2 |
| 3 | W2a_STSI_P_3 |
| 4 | W2a_STSI_P_4 |
| | ⋮ |
| n | W2a_STSI_P_n |

↑ W-CC-TABLE-2
1409a2

FIG. 14b

| STS EGRESS | SELECTED INGRESS SIGNAL |
|---------------|-------------------------|
| 1 | W2b_STSI_P_1 |
| 2 | W2b_STSI_P_2 |
| 3 | W2b_STSI_P_3 |
| 4 | W2b_STSI_P_4 |
| | ⋮ |
| n | W2b_STSI_P_n |

↑ W-CC-TABLE-4
1409a4

FIG. 14d

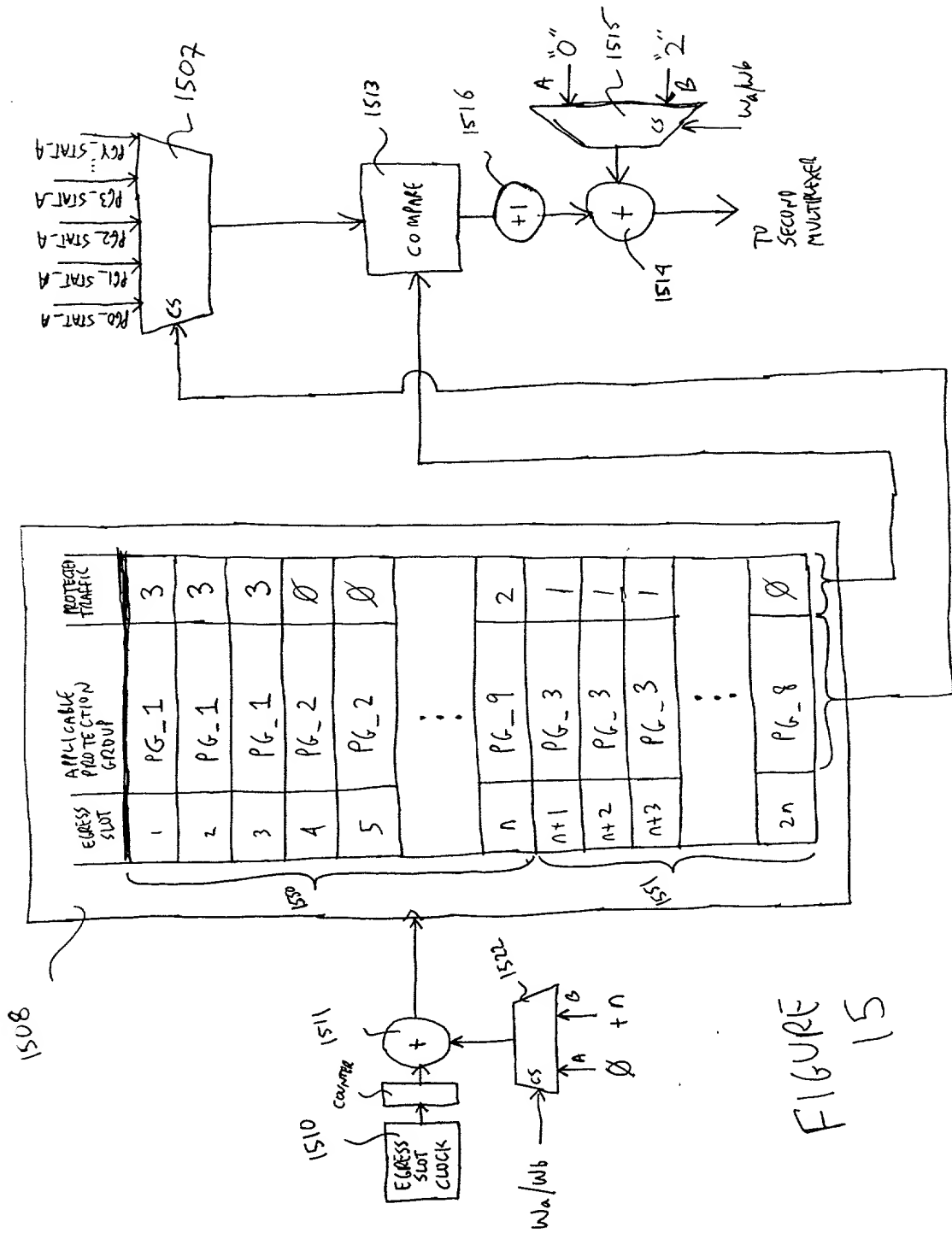


FIGURE 15